

# AP Chemistry Lab Report Guidelines

- ❖ *Title*
- ❖ Introduction
  - Background information
  - Purpose of the investigation
  - Hypothesis(es)
  - Can be summarized from experiment handout
- ❖ *Pre-lab questions*
- ❖ Materials and Procedures
  - Materials/supplies listed
  - Procedures referenced with any changes
    - “The experiment was followed according to the procedure as described in \_\_\_\_\_ (title of experiment) with the following changes or no changes”
- ❖ *Data/Results*
  - Data in tables or in graphs
    - Graph format
      - Axis labeled
      - Title included
      - Scatter plot with trendline
  - Sample calculations (if asked for)
  - Use appropriate significant figures (or an appropriate number of decimal places)
- ❖ *Discussion*
  - Results summarized and compared to hypothesis
  - Errors identified with possible suggestions for improved results
  - No first person and passive voice, past tense
  - No data dump
  - No rehashing procedure
- ❖ *Postlab questions*
- ❖ *Correct use of language*
  - Grammar, punctuation, and spelling

A full lab report will be due for each three labs completed. A total of six full lab reports will be turned in throughout the year. For all other labs, the italicized items are to be included.

Name \_\_\_\_\_

AP Chemistry

## Lab Report Rubric

Title \_\_\_\_\_

Component of Report	Points Possible	Comments	Total Points
Title	3		
Introduction	15		
Prelab Questions	4		
Materials/Procedures	10		
Data/Results	30		
Discussion	20		
Postlab Questions	15		
Correct Language	3		
<i>Total Score</i>			